

## **WIRELESS AD-HOC RFID TRACKING SYSTEM**

### **ABSTRACT**

A method of tracking an entity (130) through a plurality of tracking stations (205, 210, 215, 220) in a wireless ad-hoc network. A unique identifier (250) can be assigned to the entity at a first (205) of the plurality of tracking stations and wirelessly transmitted to at least a second tracking station (210). The number of the tracking stations can be dynamically varied on an ad-hoc basis responsive to variations in a tracking environment. The unique identifier can be selectively communicated to at least a second tracking station based on a predicted transit scenario of the entity. The identifier can be stored on a datastore, such as a radio frequency identification tag (125) attached to the entity. A biometric scan of the entity can be performed. For example, a facial scan, an iris scan, a fingerprinting, or palm printing can be performed to assign a unique identifier.